THIRTIETH ANNUAL REPORT

OF THE

WORCESTER INSANE ASYLUM

AT

WORCESTER,

FOR THE

YEAR ENDING NOVEMBER 30, 1907.

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OFFICERS OF THE ASYLUM.

TRUSTEES.

LYMAN A. ELY,	WORCESTER.
THOMAS H. GAGE, JR.,	WORCESTER.
THOMAS RUSSELL,	BOSTON.
SARAH E. WHITIN,	WHITINSVILLE.
FRANCES M. LINCOLN,	WORCESTER.
SAMUEL B. WOODWARD,	WORCESTER.
GEORGE F. BLAKE,	WORCESTER.

RESIDENT OFFICERS.

ERNEST V. SCRIBNER, M.D.,	*Superintendent.*
H. LOUIS STICK, M.D.,	*Assistant Physician.*
ARTHUR E. PATTRELL, M.D.,	*Assistant Physician.*
WILLIAM T. HANSON, M.D.,	*Assistant Physician.*
CHARLES H. WHEELER, M.D.,	*Assistant Physician.*
ABBIE S. FAY,	*Matron.*

NON-RESIDENT OFFICERS.

ALBERT WOOD,	*Treasurer.*
GEORGE L. CLARK,	*Examiner.*
SUSIE G. WARREN,	*Clerk.*
FREDERICK H. BAKER, M.D.,	*Pathologist.*
FOREST A. SLATER,	*Engineer.*

Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester Insane Hospital, having in charge the Worcester Insane Asylum, respectfully present the thirtieth annual report of the latter institution.

During the year the numbers at the main institution in Worcester have remained without essential change; at the Grafton colony there has been considerable increase in the number of male patients, a large building for excitable men having been nearly filled. The daily number of patients for the whole institution has been 933, as against 767 of last year, an increase of about 20 per cent.

No extraordinary work will be undertaken at the institution in Worcester, and no special appropriation for use there will be required.

At the Grafton colony another building is needed for the accommodation of female patients, this building to be located near the present power house and industrial building. We ask that an appropriation of $50,000 be granted for the erection and furnishing of this building, providing for the accommodation of 62 patients.

The increase in our population has been somewhat out of proportion to the increase in the amount of milk produced, and during the coming year quite a number of additional cows will be needed. Farm development should also be pushed more rapidly, as a greater hay production is necessary and better pasturage should be provided for our herds. To accomplish this work, at least two more pairs of horses should be purchased, together with the necessary carts, harnesses and other equipment. Two additional silos are needed for producing ensilage for the winter feeding of the cattle. For the accomplishment of the above purposes we ask that an appropriation of $3,500 be granted.

With the opening of the new building and the general colony development there has come an increased demand upon our elec-

tric plant. The engines and generators can still provide ample power, but additional wires, poles and other transmission equipment are needed. For this purpose we ask that an appropriation of $1,500 be granted.

At the Grafton colony a water supply has been obtained which meets our present needs; plans for an increase of this water supply and for a general system of sewage disposal are being prepared in conference with the State Board of Health. An appropriation is asked for the carrying out of this work, a detailed estimate of which will be presented later.

We are again pleased to note that the general health of the institution is up to the usual standard. There has been but little acute illness.

The only change in the medical staff has been the addition of Dr. Charles H. Wheeler, who has been appointed assistant physician at the Grafton colony.

The Board has long believed that our nurses have served too many hours during the day and have received inadequate compensation therefor. In our estimates for the maintenance appropriation for the ensuing year we have asked for an allowance which, if granted, will enable us to increase the wages of nurses and to diminish their hours of labor. This will mean an increase of 25 in our nursing staff. To provide proper furnishing for this additional number of employees we ask that there be granted an appropriation of $1,500.

Throughout the whole institution the work of repair and improvement has been pushed as fast as possible, — special effort being made to employ patients as much as is desirable, having in view always their best good.

The trustees wish to express to the superintendent, officers and employees their high appreciation of the honesty, ability and devotion shown for the best interests of the institution.

LYMAN A. ELY.
THOMAS H. GAGE, Jr.
THOMAS RUSSELL.
SARAH E. WHITIN.
FRANCES M. LINCOLN.
SAMUEL B. WOODWARD.
GEORGE F. BLAKE.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum.

I respectfully submit for your consideration the thirtieth annual report of the superintendent of the Worcester Insane Asylum.

During the statistical year, which ended Sept. 30, 1907, 510 men and 542 women, a total of 1,052 cases, were inmates of the institution. Of this number, 362 men and 478 women — 840 persons — were present at the beginning of the year. There were admitted 148 men and 64 women, — 212 persons. During the year 30 men and 31 women died, 3 men and 2 women were transferred elsewhere, and 5 men and 2 women were allowed to go out on visit, leaving 469 men and 506 women — 975 persons — as inmates of the institution on Sept. 30, 1907.

The physical condition of those admitted has been a little better than usual, and the dementia, which is always present in the majority of chronic cases, seems not of such a deep and hopeless type as has usually been the case in the transfers of previous years. While occasionally some dement wakes, in a degree, from his stupor, more promise seems to come from the excited and active. In the opening of the building at Grafton for excitable men it has been found that, under their new surroundings, many patients have seemed to show a renewed interest in life. An effort is being made there to induce as many as possible to lead an active, out-of-door life and to become interested in occupation. This effort is meeting with considerable success. Many patients who formerly led an inactive life, refusing all employment, have now voluntarily gone to work, some of them becoming valuable helpers. There is every reason to believe that this number can be greatly increased in the future by the employment of attendants whose special work shall be the training of our patients into habits of industry, which means practically the establishment of a manual training school for the insane. Though a majority of our patients

are of middle age or beyond, only a little more than 5 per cent. are confined to their beds.

The general health of the institution has been good and the death-rate remains low, despite the fact that a large percentage of our patients are enfeebled by age, and are also, by their mental affection, rendered less able to withstand the attacks of physical disease. Pulmonary tuberculosis, pneumonia and chronic valvular heart disease have been the chief causes of death, in the order given. The causes of death have been more varied than usual, and, although tuberculosis still leads the list, the percentage of deaths from this cause is no longer as high as in former years. The numbers of cases of tuberculosis which develop during their hospital residence are lessened, and in many tubercular cases a permanent arrest of the disease takes place.

During all of the early part of the year very great difficulty was experienced in obtaining a sufficient number of employees to properly carry on the work of the different departments. The situation was perhaps the most acute in the nursing staff, due, no doubt, to the fact that the work, if conscientiously performed, is exacting and sometimes unattractive. The general prosperity of the country made it possible for a large percentage of the more desirable persons to seek and obtain work that was more congenial and better paid. The business recession which is now making itself felt, together, probably, with the approach of winter, has now made it possible to make some selection in the applicants for positions, with a corresponding improvement in the character of the service rendered.

Our laborers, workmen and mechanics have for some time served an eight-hour day. While it does not now seem possible to accord this full measure to all of our other employees, I believe that we should make every concession looking to a lessening of the hours of service and a raising of the rate of wages to that level which will attract and retain desirable persons longer in the service of the institution. With this end in view it is proposed, if the necessary maintenance funds be granted, to accord to the nursing staff a service of sixty hours per week, with one day off in seven. It is expected that the institution, during the coming year, will be required to care for an average of about 1,000 patients. Estimating on this basis it will require 25 more nurses under the

proposed new conditions than under the old ones. As a temporary expedient these additional nurses must be cared for in rooms now occupied by patients. This will, however, necessitate furnishing the rooms anew. The expense of newly furnishing these rooms for the additional 25 nurses I estimate as $1,500, and I respectfully recommend that your Board ask for an appropriation of this amount. At a later time special building provision must be made for these new employees.

Two farm cottages which were acquired with the colony property have hitherto remained unoccupied, because they were not suitably located or adapted for the housing of patients. One of these cottages has now for some time been occupied by one of our employees, who maintains his family there. The second cottage is being prepared for occupancy, and another of our employees proposes to soon move in with his family. I believe that in our future provision looking to the betterment of conditions under which our employees can serve us the furnishing of private cottages for the making of individual homes should be an important feature. The more we can assimilate asylum life, for both patients and employees, to the conditions obtaining in the outside community the better it will be for both.

At the main institution in Worcester no new undertakings have been entered into in the line of reconstruction and repair, our efforts having been directed to the completion of work already begun. Besides carrying on this work the asylum has also given material assistance to the colony operations. This assistance has made it possible to postpone the opening of several of the colony departments, with a consequent economy in working forces. The increasing numbers at Grafton necessitate an immediate opening of our laundry there. The work of the other departments will be gradually assumed, as our needs demand.

At the Grafton colony another building is needed for the accommodation of women patients. This building should be located near our power house, in order that it may house our industrial workers near at hand, and that the basements may provide good and conveniently located work rooms for our various departments in which women are specially employed. Two large buildings, besides the power house itself, are already heated from the central plant, which produces our electric power. The power house and

one of the existing buildings are now successfully heated by the exhaust steam from the engines. With the increase of our electrical load it is believed that this proposed new building can also be heated in large part, and probably wholly, by the larger amount of waste steam which will be produced. It is proposed that the patients who are expected to occupy this building will at first be given their meals at one of the already existing near-by buildings. I recommend that an appropriation of $50,000 be asked for to provide for the erection and furnishing of the building described above.

In the establishment of our central lighting and power plant at Grafton care was taken to install engines and generators of generous capacity, so that they are still able to give us adequate service, with some reserve power yet to draw upon. Our steadily increasing use of this power, however, makes necessary considerable extension and addition to our lines for electrical transmission. An extra wire should be carried to our Oakes colony to provide for the better operation of motors in the work of ensilage cutting and the filling of silos, and other operations requiring a motor service. With larger numbers of both patients and employees a considerable extension of our street lighting service should be made. Besides the work of installation it means considerable purchases of wire, poles, transformers, lamps, fixtures and other articles necessary for the proper equipment of an electric service. To provide for the carrying out of this work I recommend that an appropriation of $1,500 be asked for.

A very large percentage of our colony lands were, at the time of purchase of the property, either sprout and pasture lands which had never been brought under cultivation, or fields, the tillage of which had long been neglected. A special effort is being made to redeem and reclaim such lands. Every year as large an acreage as possible has been ploughed up and cultivated. The clearing of this land from roots and stones has been largely done by the labor of patients, and has not only been of great benefit to them but has distinctly assisted in increasing the productiveness and value of our farm lands. The chief need now in our farming operations is for a greater acreage of hay and pasture land. The rapid increase in the number of our patients makes necessary frequent additions to our herds. The number of cows should again be added to, in

order that the milk supply may continue adequate for our needs. To enlarge our capacity for more rapid redemption of our wild lands, and to further the general work of colony development, more horses should be purchased, with the necessary harness, carts and other equipment which go to carry on this work. In the present condition of our pasture lands considerable feeding of our cows is necessary, even during the summer months. The feeding of ensilage has been so successful that I believe two additional silos should be added to our equipment. For the accomplishment of the above purposes I recommend that your Board ask for an appropriation of $3,500.

At the colony test wells have been made which furnish a water supply commensurate with our present needs. This supply will, however, need extension. A plan is now being prepared, in conference with the State Board of Health, which will make provision for a future increase of our water supply and will enlarge and perfect our methods of sewage disposal. A further study of our needs makes it seem advisable to undertake, in this direction, a work of greater magnitude than was at first anticipated. An estimate of the amount of money which will be needed for this additional work will be presented in time for the consideration of the Legislature.

For the past two seasons the freight congestion on the Boston & Albany has rendered it difficult to secure coal delivery at the Grafton colony with that degree of promptness and certainty which the character of our work there demands. Our coal contracts were made in the summer, and the coal company furnishing us has, no doubt, made reasonable effort to secure delivery in quantities adequate to our needs. A reserve from a previous contract has averted a coal famine at the beginning of winter, but this situation shows the wisdom of carrying a large coal pile, which accounts in part for the increased expenditures for fuel during the past year. Our private side track leading from the Boston & Albany railroad has been completed, so that coal can now be unloaded directly at the engine house, where by far the greater part of our coal is consumed. Buildings remote from this power house group are furnished by cartage from this central supply.

It is again a pleasure to commend the work which has been done by the official staff and to express my indebtedness to its

members for faithful work efficiently performed. The only change among the officers has been the appointment of Dr. Charles H. Wheeler as an additional assistant physician at the colony.

Thanks are due to the publishers of the "Worcester Evening Gazette" for a copy of their paper. The Hospital Newspaper Society and the Worcester Club have contributed books and papers. To Mrs. Charles H. Doe and to Miss Mabel Gage we are indebted for generous contributions of reading matter.

The Worcester Employment Society has again done a large amount of sewing for the institution.

For the assistance and support of your Board, which never have been wanting, I am deeply grateful.

E. V. SCRIBNER,
Superintendent.

OFFICERS AND THEIR SALARIES.

Ernest V. Scribner, M.D., *Superintendent,*	$3,000 00
H. Louis Stick, M.D., *Assistant Physician,*	1,400 00
Arthur E. Pattrell, M.D., *Assistant Physician,*	1,000 00
William T. Hanson, M.D., *Assistant Physician,*	900 00
Charles H. Wheeler, M.D., *Assistant Physician,*	700 00
Frederick H. Baker, M.D., *Pathologist,*	100 00
Abbie S. Fay, *Matron,*	500 00
Albert Wood, *Treasurer,*	400 00
George L. Clark, *Examiner,*	50 00
Susie G. Warren, *Clerk,*	480 00
Forest A. Slater, *Engineer,*	1,000 00

VALUE OF STOCK AND SUPPLIES.

Dec. 1, 1907.

Live stock,	$9,783 45
Produce of farm on hand,	4,829 83
Carriages and agricultural implements,	3,316 17
Machinery and mechanical fixtures,	43,512 39
Beds and bedding in inmates' department,	24,989 72
Other furniture in inmates' department,	9,591 65
Personal property of State in superintendent's department,	10,000 00
Ready-made clothing,	3,328 88
Dry goods,	1,745 25
Provisions and groceries,	1,897 70
Drugs and medicines,	400 00
Fuel,	4,000 00
Library,	1,125 00
Other supplies undistributed,	1,149 97
	$119,670 01

TREASURER'S REPORT.

To the Trustees of the Worcester Insane Hospital, acting for the Worcester Insane Asylum.

I herewith submit my thirtieth annual report of the finances of the Worcester Insane Asylum, for the year ending Nov. 30, 1907: —

Available funds Nov. 30, 1907: —		
With State Treasurer: —		
Maintenance appropriation, . . .	$11,689 23	
At asylum, ...	2,000 00	
		$13,689 23
Amounts received during the year: —		
From reimbursed cases, ...	$4,199 40	
From other sources, ...	932 98	
Collected by the State Board of Insanity, .	85 00	
		5,217 38
Appropriation by the Commonwealth for support of patients,		180,000 00
		$198,906 61

The expenditures for the year have been as follows: —

Salaries and wages, ...		$66,043 63
Food: —		
Beans, ...	$459 50	
Butter, ...	8,611 63	
Bread and crackers, ...	745 89	
Cereals, rice, meal, etc., ...	1,210 71	
Cheese, ...	714 30	
Eggs, ...	1,511 58	
Fish, ...	1,710 11	
Flour, ...	6,824 20	
Fruit, ...	1,981 61	
Meats, ...	9,414 24	
Milk, ...	453 15	
Molasses, ...	337 86	
Amounts carried forward, . . .	$33,974 78	$66,043 63

Amounts brought forward,	$33,974 78	$66,043 63
Sugar,	2,331 16	
Tea, coffee and cocoa,	1,961 54	
Vegetables,	3,563 53	
Sundries,	1,781 83	
		43,612 84
Clothing and clothing material: —		
Boots, shoes and rubbers,	$1,776 49	
Clothing,	5,680 05	
Dry goods for clothing, and small wares,	2,290 26	
Furnishing goods,	18 91	
Hats and caps,	116 62	
Sundries,	191 81	
		10,074 14
Furnishings: —		
Beds, bedding, table linen, etc.,	$4,424 91	
Brushes, brooms, etc.,	419 18	
Carpets, rugs, etc.,	88 38	
Crockery, glassware, cutlery, etc.,	816 73	
Furniture and upholstery,	67 60	
Kitchen furnishings,	673 86	
Wooden ware, buckets, pails, etc.,	156 15	
Sundries,	1,381 59	
		8,028 40
Heat, light and power: —		
Coal,	$21,444 33	
Gas,	12 82	
Oil,	513 97	
Sundries,	297 17	
		22,268 29
Repairs and improvements: —		
Cement, lime and plaster,	$587 21	
Electrical work and supplies,	559 80	
Hardware,	2,004 00	
Lumber,	855 29	
Machinery, etc.,	513 00	
Paints, oils and glass,	2,189 50	
Plumbing, steam fitting and supplies,	1,648 43	
Mechanics and laborers (not on pay roll),	2,137 67	
Sundries,	1,835 81	
		12,330 71
Farm, stable and grounds: —		
Blacksmith and supplies,	$395 94	
Carriages, wagons and repairs,	401 15	
Fertilizers, vines, seeds, etc.,	1,600 31	
Amounts carried forward,	$2,397 40	$162,358 01

Amounts brought forward, . . .	$2,397 40	$162,358 01
Hay, grain, etc., ...	7,217 51	
Harness and repairs, ...	345 67	
Horses, ...	1,250 00	
Cows, ...	749 00	
Tools, farm machines, etc., . . .	47 58	
Sundries, ...	471 03	
		12,478 19
Miscellaneous: —		
Books, periodicals, etc., ...	$268 08	
Chapel services and entertainments, .	641 40	
Freight, expressage and transportation, .	2,460 97	
Funeral expenses, ...	297 60	
Hose, etc., ...	41 48	
Ice, ...	58 68	
Medicines and hospital supplies, . .	1,271 63	
Medical attendance, nurses, etc. (extra), .	204 00	
Postage, ...	162 29	
Printing, ...	40 00	
Return of runaways, ...	49 56	
Soap and laundry supplies, . . .	1,517 69	
Stationery and office supplies, . .	384 35	
Travel and expenses (officials), . .	177 44	
Telephone and telegraph, ...	421 26	
Tobacco, ...	578 76	
Water, ...	1,669 27	
Sundries, ...	1,042 23	
		11,386 69
Total, ...		$186,222 89
Amount of 1907 appropriation reverting to State treasury, .		292 40
Balance with State Treasurer: —		
Maintenance appropriation, . . .	$4,173 94	
Collections paid since Jan. 1, 1907, .	5,217 38	
At asylum, ...	3,000 00	
		12,391 32
		$198,906 61

RESOURCES.

Balance of 1907 appropriation Dec. 1, 1907, . . .	$7,173 94

LIABILITIES.

Salaries and wages, ...	10,797 79
Deficit, ...	$3,623 85

INMATES' FUNDS.

Cash on hand Dec. 1, 1906, ...		$2,454 57
Received from inmates, ...	$596 38	
Received from interest on account, . .	51 22	
		647 60
		$3,102 17
Cash refunded, ...		331 02
Balance, ...		$2,771 15

Respectfully submitted,

ALBERT WOOD,
Treasurer.

WORCESTER, MASS., Dec. 1, 1907.

WORCESTER, MASS., Dec. 13, 1907.

I hereby certify that I have made a monthly examination of all bills and pay rolls representing the current expenses of the Worcester Insane Asylum for the year ending Nov. 30, 1907 ($186,222.89), and have found them properly scheduled and correctly cast.

GEORGE L. CLARK,
Examiner of Accounts.

Special Appropriations.

Object.	Resolve.	Whole Amount.	Expended during Year.	Total Amount expended.	Balance.
Purchase of land,	1902, c. 434	$25,000 00	–	$24,938 20	$61 80
Repairs and alterations in kitchen and laundry,	1903, c. 414	27,000 00	–	26,999 91	09
Furnishing Grafton colony,	1903, c. 414	13,500 00	–	13,499 78	22
New building for 60 women,	1903, c. 414	40,000 00	–	39,999 89	11
Sewer and water system,	1903, c. 414	10,000 00	–	10,000 00	–
Further colony development,	1904, c. 323	30,000 00	–	30,000 00	–
Power house,	1904, c. 323	26,000 00	–	25,999 49	51
Building for 100 women,	1904, c. 323	80,000 00	$10 98	79,999 85	15
Electric lighting plant,	1904, c. 323	20,000 00	–	19,999 94	06
Refrigerating plant,	1904, c. 323	6,000 00	81 60	5,998 53	1 47
Building for 100 men,	1905, c. 444	80,000 00	2,825 64	79,999 76	24
Furnishing same,	1905, c. 87	5,000 00	3,654 74	4,896 24	103 76
Building for 50 men,	1905, c. 444	13,000 00	4,657 48	11,518 74	1,481 26
Furnishing same,	1905, c. 87	2,000 00	1,413 16	1,613 16	386 84
Bridge across Boston & Albany Railroad,	1905, c. 84	7,000 00	56 82	6,951 42	48 58
Laundry machinery,	1905, c. 84	5,000 00	–	4,253 00	747 00
Road machinery and approach to bridge,	1905, c. 84	1,500 00	19 14	1,500 00	–
Carpenters' machinery,	1905, c. 84	2,000 00	1,308 70	1,308 70	691 30
Repairing buildings, sewerage and extending water mains,	1905, c. 84	3,200 00	273 72	3,199 90	10
Fencing,	1905, c. 84	1,600 00	46 41	321 45	1,278 55
Ovens and bread mixer,	1905, c. 84	1,500 00	1,269 27	1,269 27	230 73
Fire hose and extinguishers,	1905, c. 84	2,000 00	121 20	604 46	1,395 54
Extending telephones,	1905, c. 84	200 00	52 00	52 00	148 00
Additional out buildings,	1905, c. 84	600 00	600 00	600 00	–
Carriages,	1905, c. 84	400 00	–	324 50	75 50
Cows,	1906, c. 94	1,000 00	215 00	1,000 00	–
Barn,	1906, c. 94	5,000 00	2,890 16	4,482 47	517 53
Trees,	1906, c. 94	500 00	499 97	499 97	03
Sewage disposal,	1907, c. 88	2,000 00	195 00	195 00	1,805 00
Water supply,	1907, c. 88	5,500 00	77 75	77 75	5,422 25
Totals,	. . .	$416,500 00	$20,268 74	$402,103 38	$14,396 62

Respectfully submitted,

ALBERT WOOD,
Treasurer.

Asylum Fund.

Object.	Resolve.	Whole Amount.	Expended during Year.	Total Amount expended.	Balance.
Enlarging dining room,	1904, c. 58	$5,000 00	$475 00	$4,865 68	$134 32
Telephone system,	1905, c. 89	1,200 00	–	1,198 63	1 37
Plumbing, male side,	1905, c. 89	3,500 00	2,353 90	3,499 44	56
Two ovens,	1905, c. 89	1,100 00	677 46	992 46	107 54
Two boilers,	1905, c. 89	3,200 00	1,428 10	3,137 10	62 90
Plumbing, female side,	1906, c. 94	9,500 00	5,233 38	9,290 19	209 81
Totals,		$23,500 00	$10,167 84	$22,983 50	$516 50

Respectfully submitted,

ALBERT WOOD,
Treasurer.

STATISTICAL TABLES.

[Form prescribed by State Board of Insanity.]

STATISTICAL TABLES.

1. — General Statistics of the Year.

	Insane.		
	Males.	Females.	Totals.
Patients in asylum Oct. 1, 1906, . .	362	478	840
Admitted within the year, . . .	148	64	212
Viz.: by transfer, ...	145	64	209
from escape, ...	2	–	2
from escape, nominally, . .	1	–	1
Whole number of cases in year, . .	510	542	1,052
Dismissed within the year, . . .	41	36	77
Discharged, ...	3	1	4
Viz.: as recovered at time of leaving asylum, ...	–	–	–
as capable of self-support, .	–	–	–
as improved, ...	–	–	–
as not improved, . . .	3	1	4
Died, ...	30	31	61
Transferred, ...	3	2	5
Escaped, ...	–	–	–
On visit Oct. 1, 1907, ...	5	2	7
Patients remaining Sept. 30, 1907, .	469	506	975
Viz.: supported as State patients, .	458	489	947
as private patients, .	–	–	–
as reimbursing patients, . . .	11	17	28
Number of different persons within the year, ...	509	542	1,051
Number of different persons admitted, .	147	64	211
Number of different persons dismissed, .	35	34	69
Number of different persons recovered, .	–	–	–
Number of different persons discharged capable of self-support, . . .	–	–	–
Daily average number of patients, .	432.45	478.85	911.30
Viz.: State patients, . . .	420.70	464.56	885.26
private patients, . . .	–	–	–
reimbursing patients, . .	11.75	14.29	26.04

2. — Received on First and Subsequent Admissions.

NUMBER OF ADMISSIONS	Cases admitted.		
	Males.	Females.	Totals.
First (to this asylum), . . .	144	63	207
Second (to this asylum), . . .	1	1	2
Third (to this asylum), . . .	–	–	–
Total cases, ...	145	64	209
Total persons, ...	145	64	209

3. — Ages of Insane at First Attack and Death.

	Persons died.					
	at first attack.			at time of death.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital, ...	1	1	2	–	–	–
15 years and less, . . .	1	1	2	–	–	–
From 15 to 20 years, . . .	2	–	2	–	–	–
20 to 25 years, . . .	5	3	8	–	1	1
25 to 30 years, . . .	4	4	8	3	1	4
30 to 35 years, . . .	3	3	6	2	3	5
35 to 40 years, . . .	2	3	5	4	1	5
40 to 50 years, . . .	1	3	4	8	8	16
50 to 60 years, . . .	1	2	3	4	5	9
60 to 70 years, . . .	1	1	2	5	6	11
70 to 80 years, . . .	1	–	1	3	5	8
Over 80 years, ...	–	–	–	1	1	2
Unknown, ...	8	10	18	–	–	–
Totals,.	30	31	61	30	31	61
Total persons, . . .	30	31	61	30	31	61
Mean known ages (in years), .	30.90	35.45	32.58	49.40	54.16	51.83

4. — Form of Mental Diseases in Patients admitted or discharged, with their Condition on Discharge, or Death.

FORM OF DISEASE.	Admitted.			Discharged.												Died.			Total Discharges and Deaths.		
				Recovered.			Capable of Self-Support.			Improved.			Not Improved.								
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — First admitted to any hospital when received by institution from which transferred: —																					
Alcoholic insanity, acute,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic insanity, chronic,	11	–	11	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	1	1
Chronic delusional insanity,	2	6	8	–	–	–	–	–	–	–	–	–	1	1	2	3	7	10	4	8	12
Constitutional inferiority,	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Dementia, primary,	47	9	56	–	–	–	–	–	–	–	–	–	–	–	–	1	2	3	1	2	3
Dementia, chronic,	6	3	9	–	–	–	–	–	–	–	–	–	–	–	–	5	6	11	5	6	11
Dementia, senile,	4	1	5	–	–	–	–	–	–	–	–	–	–	–	–	2	2	4	2	2	4
Epilepsy,	2	2	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Epilepsy with dementia,	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General paresis,	9	–	9	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	3	–	3
Hereditary chorea with dementia,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Idiot,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Imbecile,	5	4	9	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Imbecile, with dementia,	3	1	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Involution psychosis, melancholia,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic depressive insanity, depressed form,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic depressive insanity, maniacal form,	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic depressive insanity, mixed form,	1	4	5	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Organic brain disease,	–	3	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals A,	97	39	136	–	–	–	–	–	–	–	–	–	1	1	2	15	18	33	16	19	35

4. — Form of Mental Diseases in Patients admitted or discharged, with their Condition on Discharge, or Death — Concluded.

FORM OF DISEASE.	Admitted.			Discharged. Recovered.			Discharged. Capable of Self-Support.			Discharged. Improved.			Discharged. Not Improved.			Died.			Total Discharges and Deaths.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Other admissions: —																					
Alcoholic insanity, acute,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Alcoholic insanity, chronic,	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	1	–	1
Chronic delusional insanity,	1	6	7	–	–	–	–	–	–	–	–	–	1	–	1	1	2	3	2	2	4
Dementia, primary,	18	7	25	–	–	–	–	–	–	–	–	–	1	–	1	3	3	6	4	3	7
Dementia, chronic,	7	7	14	–	–	–	–	–	–	–	–	–	–	–	–	5	4	9	5	4	9
Dementia, senile,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	3	3	–	3	3
Dementia, organic,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Epilepsy,	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	5	1	6	5	1	6
General paresis,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Huntington's chorea with dementia,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Imbecile,	5	1	6	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Imbecile with dementia,	4	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic depressive insanity, maniacal form,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Manic depressive insanity, mixed form,	2	1	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Totals B,	48	25	73	–	–	–	–	–	–	–	–	–	2	–	2	15	13	28	17	13	30
Aggregate cases,	145	64	209	–	–	–	–	–	–	–	–	–	3	1	4	30	31	61	33	32	65
Aggregate persons,	145	64	209	–	–	–	–	–	–	–	–	–	3	1	4	30	31	61	33	32	65

5. — Discharges of the Insane, classified by Admissions and Results, and Deaths.

NUMBER OF THE ADMISSION.	Recovered.			Capable of Self-support.			Improved.			Not Improved.			Died.			Totals.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	–	–	–	–	–	–	–	–	–	2	1	3	30	28	58	32	29	61
Second,	–	–	–	–	–	–	–	–	–	1	–	1	–	3	3	1	3	4
Third,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total cases,	–	–	–	–	–	–	–	–	–	3	1	4	30	31	61	33	32	65
Total persons first admitted to any hospital when received by institution from which transferred,	–	–	–	–	–	–	–	–	–	1	1	2	15	18	33	16	19	35

6. — Causes of Death and Forms of Mental Disease in Persons who died.

CAUSES OF DEATH.	Aggregate.			Alcoholic Insanity, Acute.			Alcoholic Insanity, Chronic.			Chronic Delusional Insanity.			Dementia, Primary.			Dementia, Chronic.			Dementia, Senile.			General Paresis.			Epilepsy.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Nervous system: —																											
Epilepsy,	2	–	2	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	2	–	2
Status epilepticus,	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1
Hemorrhagic pachymeningitis,	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
General paresis,	3	–	3	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3	–	3	–	–	–
Circulatory system: —																											
Apoplexy,	1	–	1	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–
Cerebral hemorrhage, multiple,	–	2	2	–	–	–	–	–	–	–	–	–	–	–	–	–	2	2	–	–	–	–	–	–	–	–	–
Chronic valvular heart disease,	2	3	5	–	–	–	–	1	1	–	1	1	–	–	–	2	–	2	–	1	1	–	–	–	–	–	–
General arterio sclerosis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–
General diseases: —																											
Acute gastritis and enteritis,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–
Broncho pneumonia and chronic interstitial nephritis.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cancer of the lower lip,	1	1	2	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	1	1	–	–	–	–	–	–
Cancer of the stomach and liver,	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chronic myocarditis and chronic interstitial nephritis.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–

Chronic hepatitis, obstructive jaundice,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Compound fracture of skull and internal injuries.	1	–	1	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Enteritis and pulmonary congestion with œdema.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Erysipelas, pneumonia, lobar, . .	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Hepatic abscesses and general peritonitis.	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Interstitial nephritis and valvular heart disease.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–
Ovarian cyst and chronic valvular heart disease, shock,	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Pernicious anæmia, tertian malaria, .	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Strangulated hernia, ...	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Typhoid fever, ...	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1
Respiratory system: —																												
Pneumonia, broncho, ...	–	2	2	–	–	–	–	–	–	–	1	1	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–
Pneumonia, lobar, ...	6	2	8	–	–	–	–	–	–	1	–	1	1	1	2	–	–	–	2	1	3	–	–	–	2	–	2
Pneumonia, septic, ...	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis, ...	7	6	13	–	–	–	–	–	–	1	1	2	2	3	5	3	2	5	–	–	–	–	–	–	1	–	1
Pulmonary and general tuberculosis, .	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–
Pulmonary tuberculosis and chronic valvular heart disease.	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary and intestinal tuberculosis,	–	1	1	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary congestion and chronic valvular heart disease.	1	–	1	–	–	–	–	–	–	1	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Pulmonary and general miliary tuberculosis.	–	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	1	1	–	–	–	–	–	–	–	–	–	–
Totals, ...	30	31	61	–	–	–	1	1	2	4	9	13	4	5	9	10	10	20	2	5	7	3	–	3	6	1	7

7. — Duration of Mental Disease and its Treatment in Patients who recovered or died.

PERIOD.	First admitted to Any Hospital when received by Institution from which transferred.									All Other Admissions.					
	Duration before admission.			Hospital residence.			Whole duration.			Whole known period of mental disease.			Whole known period of hospital residence.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
B. — Died: —															
Under 1 month,	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–
From 1 to 3 months,	1	2	3	–	–	–	–	–	–	–	–	–	–	–	–
From 3 to 6 months,	3	2	5	–	–	–	–	–	–	–	–	–	–	–	–
From 6 to 12 months,	2	3	5	–	–	–	–	–	–	–	–	–	–	–	–
From 1 to 2 years,	–	4	4	2	–	2	2	–	2	–	–	–	–	–	–
From 2 to 5 years,	1	1	2	3	2	5	1	2	3	–	–	–	2	3	5
From 5 to 10 years,	2	–	2	4	5	9	4	2	6	2	1	3	4	1	5
From 10 to 20 years,	1	1	2	1	6	7	1	6	7	1	4	5	3	6	9
Over 20 years,	1	–	1	5	5	10	4	5	9	6	4	10	5	2	7
Totals,	12	15	27	15	18	33	12	15	27	9	9	18	14	12	26
Unknown,	3	3	6	–	–	–	3	3	6	6	4	10	1	1	2
Totals,	15	18	33	15	18	33	15	18	33	15	13	28	15	13	28
Average of known cases (in months),	40.58	21.92	30.53	151.80	209.44	183.24	170.33	208.93	191.77	343.33	276.00	309.77	224.35	180.58	204.15